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<223> Description of Artificial Sequence: artificial
sequence

<400> 131
ctgccctgcc a 11

<210> 132
<211> 11
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence

<400> 132

tggcaaggca g

11

<210> 133

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence

<400> 133

ctgccttgcc a

11

<210> 134

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence

<400> 134

acaagatatt g

11

<210> 135

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence

<400> 135

caatatcttg t

11

<210> 136

<211> 11

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence

<400> 136

acaaggtatt g 11

<210> 137

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

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sequence

<400> 137

caataccttg t 11

<210> 138

<211> 11

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<220>

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sequence

<400> 138

tccatcctgt t 11

<210> 139

<211> 11

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<220>

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sequence

<400> 139

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<210> 140

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial
sequence

<400> 140

tccattctgt t 11

<210> 141

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial
sequence

<400> 141

aacagaatgg a

11

<210> 142

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial
sequence

<400> 142

cactacatgc t

11

<210> 143

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial
sequence

<400> 143

agcatgtagt g

11

<210> 144

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial
sequence

<400> 144

cactatatgc t

11

<210> 145

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial
sequence

<400> 145

agcatatagt g

11

<210> 146
<211> 11
<212> DNA
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<220>
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sequence

<400> 146
ccccccagcc t 11

<210> 147
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
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sequence

<400> 147
aggctggggg g 11

<210> 148
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 148
ccccctagcc t 11

<210> 149
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 149
aggctagggg g 11

<210> 150
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial

sequence

<400> 150
aattcgccat t 11

<210> 151
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 151
aatggcgaat t 11

<210> 152
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 152
aattcaccat t 11

<210> 153
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 153
aatggtgaat t 11

<210> 154
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 154
gtgagggagc c 11

<210> 155

<211> 11
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: artificial
 sequence

<400> 155
 ggctccctca c 11

<210> 156
 <211> 11
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: artificial
 sequence

<400> 156
 gtgagagagc c 11

<210> 157
 <211> 11
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: artificial
 sequence

<400> 157
 ggctctctca c 11

<210> 158
 <211> 11
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: artificial
 sequence

<400> 158
 tgagcggctg c 11

<210> 159
 <211> 11
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: artificial
 sequence

<400> 159
gcagccgctc a 11

<210> 160
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 160
tgagcagctg c 11

<210> 161
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 161
gcagctgctc a 11

<210> 162
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 162
cttgggtgac a 11

<210> 163
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial
sequence

<400> 163
tgtcacccaa g 11

<210> 164
<211> 11
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence

<400> 164

cttggatgac a 11

<210> 165

<211> 11

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: artificial sequence

<400> 165

tgtcatccaa g 11

<210> 166

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (83)..(277)

<400> 166

ctgaggcctc tacacatccc tgtccagtct tttcattctc tgtggttttc tcattttctag 60

tcgaagaggc ccagaagcaa ac ctg gag gtg aga ccc aaa gaa agc tgg aac 112
Leu Glu Val Arg Pro Lys Glu Ser Trp Asn
1 5 10

cat gct gac ttt gta cac tgt aag gac aca gag tct gtt cct gga aag 160
His Ala Asp Phe Val His Cys Lys Asp Thr Glu Ser Val Pro Gly Lys
15 20 25

ccc agt gtc aac gca gat gag gaa gtc gga ggt ccc caa atc tgc cgt 208
Pro Ser Val Asn Ala Asp Glu Glu Val Gly Gly Pro Gln Ile Cys Arg
30 35 40

gta tgt ggg gac aag gcc act ggc tat cac ttc aat gtc atg aca tgt 256
Val Cys Gly Asp Lys Ala Thr Gly Tyr His Phe Asn Val Met Thr Cys
45 50 55

gaa gga tgc aag ggc ttt ttc aggtagagtt acccatcagc cttcaccac 307
Glu Gly Cys Lys Gly Phe Phe
60 65

gtgccaccac tgaccactg ggtaacatct cagggcct 345

<210> 167

<211> 65
 <212> PRT
 <213> Homo sapiens

<400> 167
 Leu Glu Val Arg Pro Lys Glu Ser Trp Asn His Ala Asp Phe Val His
 1 5 10 15
 Cys Lys Asp Thr Glu Ser Val Pro Gly Lys Pro Ser Val Asn Ala Asp
 20 25 30
 Glu Glu Val Gly Gly Pro Gln Ile Cys Arg Val Cys Gly Asp Lys Ala
 35 40 45
 Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe
 50 55 60
 Phe
 65

<210> 168
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> CDS
 <222> (83)..(277)

<400> 168
 ctgaggcctc tacacatccc tgtccagtct ttccattctc tgtgggtttc tcatttctag 60
 tccaagaggc ccagaagcaa ac ctg gag gtg aga ccc aaa gaa agc tgg aac 112
 Leu Glu Val Arg Pro Lys Glu Ser Trp Asn
 1 5 10
 cat gct gac ttt gta cac tgt gag gac aca gag tct gtt cct gga aag 160
 His Ala Asp Phe Val His Cys Glu Asp Thr Glu Ser Val Pro Gly Lys
 15 20 25
 tcc agt gtc aac gca gat gag gaa gtc gga ggt ccc caa atc tgc cgt 208
 Ser Ser Val Asn Ala Asp Glu Glu Val Gly Gly Pro Gln Ile Cys Arg
 30 35 40
 gta tgt ggg gac aag gcc act ggc tat cac ttc aat gtc atg aca tgt 256
 Val Cys Gly Asp Lys Ala Thr Gly Tyr His Phe Asn Val Met Thr Cys
 45 50 55
 gaa gga tgc aag ggc ttt ttc aggtagagtt acccatcagc cttcacccac 307
 Glu Gly Cys Lys Gly Phe Phe
 60 65
 gtgccaccac tgaccactg ggtaacatct cagggcct 345

<210> 169
 <211> 65

<212> PRT

<213> Homo sapiens

<400> 169

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Leu Glu Val Arg Pro Lys Glu Ser Trp Asn His Ala Asp Phe Val His
 1           5           10           15
Cys Glu Asp Thr Glu Ser Val Pro Gly Lys Ser Ser Val Asn Ala Asp
          20           25           30
Glu Glu Val Gly Gly Pro Gln Ile Cys Arg Val Cys Gly Asp Lys Ala
          35           40           45
Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe
 50           55           60
Phe
65

```

<210> 170

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (83)..(277)

<400> 170

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ctgaggcctc tacacatccc tgtccagtct tttcattctc tgtggttttc tcatttctag 60
tccaagaggc ccagaagcaa ac ctg gag gtg aga ccc aaa gaa agc tgg aac 112
                        Leu Glu Val Arg Pro Lys Glu Ser Trp Asn
                        1           5           10
cat gct gac ttt gta cac tgt gag gac aca gag tct gtt cct gga aag 160
His Ala Asp Phe Val His Cys Glu Asp Thr Glu Ser Val Pro Gly Lys
          15           20           25
ccc agt gtc aac gca gat gag gaa gtc aga ggt ccc caa atc tgc cgt 208
Pro Ser Val Asn Ala Asp Glu Glu Val Arg Gly Pro Gln Ile Cys Arg
          30           35           40
gta tgt ggg gac aag gcc act ggc tat cac ttc aat gtc atg aca tgt 256
Val Cys Gly Asp Lys Ala Thr Gly Tyr His Phe Asn Val Met Thr Cys
          45           50           55
gaa gga tgc aag ggc ttt ttc aggtagagtt acccatcagc cttcaccac 307
Glu Gly Cys Lys Gly Phe Phe
        60           65
gtgccaccac tgaccactg ggtaacatct cagggcct 345

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<210> 171

<211> 65

<212> PRT

<213> Homo sapiens

<400> 171

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Leu Glu Val Arg Pro Lys Glu Ser Trp Asn His Ala Asp Phe Val His
 1           5           10           15

Cys Glu Asp Thr Glu Ser Val Pro Gly Lys Pro Ser Val Asn Ala Asp
          20           25           30

Glu Glu Val Arg Gly Pro Gln Ile Cys Arg Val Cys Gly Asp Lys Ala
          35           40           45

Thr Gly Tyr His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe
 50           55           60

Phe
65

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<210> 172

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (105)..(290)

<400> 172

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taacggcttc tgctgccttg agaggggttac acagtggctc tccagggggc tggaggctca 60

ccaggggcac gtgtgcctga gccagcctca ctgtccctgc agtg atc atg tcc gac 116
                               Ile Met Ser Asp
                               1

gag gcc gtg gag gag agg cgg gcc ttg atc aag cgg aag aaa agt gaa 164
Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys Lys Ser Glu
 5           10           15           20

cgg aca ggg act cag cca ctg gga atg cag ggg ctg aca gag gag cag 212
Arg Thr Gly Thr Gln Pro Leu Gly Met Gln Gly Leu Thr Glu Glu Gln
          25           30           35

cgg atg atg atc agg gag ctg atg gac gct cag atg aaa acc ttt gac 260
Arg Met Met Ile Arg Glu Leu Met Asp Ala Gln Met Lys Thr Phe Asp
          40           45           50

act acc ttc tcc cat ttc aag aat ttc cgg gtaggaggaa ctgcacagtg 310
Thr Thr Phe Ser His Phe Lys Asn Phe Arg
          55           60

acctgaggtg tcaactgcat cttcattctc acatagaaac tgagggtccc caaggataag 370

aaacttatac aaggtcacag ctaatcagtg gtggagggta gatttgagga gct 423

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<210> 173

<211> 62

<212> PRT

<213> Homo sapiens

<400> 173

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Ile Met Ser Asp Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg
 1             5             10             15

Lys Lys Ser Glu Arg Thr Gly Thr Gln Pro Leu Gly Met Gln Gly Leu
                20             25             30

Thr Glu Glu Gln Arg Met Met Ile Arg Glu Leu Met Asp Ala Gln Met
          35             40             45

Lys Thr Phe Asp Thr Thr Phe Ser His Phe Lys Asn Phe Arg
 50             55             60

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<210> 174

<211> 423

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (105)..(290)

<400> 174

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taacggcttc tgctgccttg agagggttac acagtggctc tccagggggc tggaggctca 60

ccaggggcac gtgtgcctga gccagcctca ctgtccctgc agtg atc atg tcc gac 116
                                   Ile Met Ser Asp
                                   1

gag gcc gtg gag gag agg cgg gcc ttg atc aag cgg aag aaa agt gaa 164
Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys Lys Ser Glu
 5             10             15             20

cgg aca ggg act cag cca ctg gga gtg cag ggg ctg aca gag gag cag 212
Arg Thr Gly Thr Gln Pro Leu Gly Val Gln Gly Leu Thr Glu Glu Gln
                25             30             35

cgg atg atg atc agg gag ctg atg gac gct cag atg aaa acc ttt ggc 260
Arg Met Met Ile Arg Glu Leu Met Asp Ala Gln Met Lys Thr Phe Gly
          40             45             50

act acc ttc tcc cat ttc aag aat ttc cgg gtaggaggaa ctgcacagtg 310
Thr Thr Phe Ser His Phe Lys Asn Phe Arg
          55             60

acccgagggtg tcactgccat cttcattctc acatagaaac tgagggtccc caaggataag 370

aaacttatac aaggtcacag ctaatcagtg gtggagggga gatttggaga gct 423

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<210> 175

<211> 62

<212> PRT

<213> Homo sapiens

<400> 175

Ile Met Ser Asp Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg
 1 5 10 15

Lys Lys Ser Glu Arg Thr Gly Thr Gln Pro Leu Gly Val Gln Gly Leu
 20 25 30

Thr Glu Glu Gln Arg Met Met Ile Arg Glu Leu Met Asp Ala Gln Met
 35 40 45

Lys Thr Phe Gly Thr Thr Phe Ser His Phe Lys Asn Phe Arg
 50 55 60

<210> 176

<211> 271

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (80)..(181)

<400> 176

gagcaatgcc ctgactctgg gctggactga gcttgtcttt gcccatgat cttgcaccac 60

acctccctcc cctccagac cgc cca ggt gtg ctg cag cac cgc gtg gtg gac 112
 Arg Pro Gly Val Leu Gln His Arg Val Val Asp
 1 5 10

cag ctg cag gag caa ttc acc att act ctg aag tcc tac att gaa tgc 160
 Gln Leu Gln Glu Gln Phe Thr Ile Thr Leu Lys Ser Tyr Ile Glu Cys
 15 20 25

aat cgg ccc cag cct gct cat aggtgagcac agcaggggggt gaggaccgt 211
 Asn Arg Pro Gln Pro Ala His
 30

gaggggtgatg tgaggagacc gaggttcagg gaaattgccc aagacttcac ggccagaggg 271

<210> 177

<211> 34

<212> PRT

<213> Homo sapiens

<400> 177

Arg Pro Gly Val Leu Gln His Arg Val Val Asp Gln Leu Gln Glu Gln
 1 5 10 15

Phe Thr Ile Thr Leu Lys Ser Tyr Ile Glu Cys Asn Arg Pro Gln Pro
 20 25 30

Ala His

<210> 178
 <211> 962
 <212> DNA
 <213> Homo sapiens

<220>
 <223> r=g or a, m=c or a, k=g or t, n=c or deleted

<400> 178
 tcaagtgcgtg gacttggggac ttagggagggg caatggagcc gcttagtgcc tacatctgac 60
 ttggactgaa atataggtga gagacaagat tgtctcatat ccggggaaat cataacctat 120
 gactaggacg ggaagaggaa gcactgcctt tacttcagtg ggaatctcrq cctcagcctg 180
 caagccaagt gtacacagtg aaaaaagcaa gagaataagc taatactcct gtcctgaama 240
 aggcagcggc tccttggtaa agctactcct tgatcgatcc tttgcaccgg attgttcaaa 300
 gtggacccca ggkgagaagt cggagcaaag aacttaccac caagcaggta tggtttttct 360
 ttctttctct tttgctgggg gctgaccgcc cttcagctcc agccaaaaga tgtgtgtgaa 420
 cacaatatata ccttctgttt gaggtcagca tcatagtggg tcgtgaatca tgttggcctt 480
 gctgctgtct cctcatttct aggggtgaaaa aaaaaagca tgaaaacaat cacttaatgt 540
 tgagcccat tactgatgct ctctggctct gcactagcct cctagaaaaa tcaccacagc 600
 cttaactact gcatgagtta ccacaagtca cacatacaac cagctccctg ttacagggtc 660
 ggagtccctg gaccagga ataccacctc caaggactgk gggagctggg gactatggga 720
 actgggatca actcagtcct gattcctttt ggctgctggg gttagtgtg gcagccccc 780
 tgaggccaag gacagcagca tgacagtcac caggactcac cacttcaagg aggggtccct 840
 cagagcacct gccatacccc tgcacagtgc tgcggctgag ttggcttcaa accagtgtgt 900
 tttctacctc tactattgaa agggcacctt gtcccacaga accgagtctt gcctgcatgt 960
 gg 962

<210> 179
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <223> y=c or t, r=g or a

<400> 179
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 tccaagaggc ccagaagcaa acctggaggt gagacccaaa gaaagctgga accatgctga 120
 ctttgtacac tgtraggaca cagagtctgt tcctggaaag yccagtgtca acgcagatga 180
 ggaagtcrga ggtcccaaaa tctgccgtgt atgtggggac aaggccactg gctatcactt 240
 caatgtcatg acatgtgaag gatgcaaggg ctttttcagg tagagttacc catcagcctt 300
 caccacgtg ccaccactga cccactgggt aacatctcag ggcct 345

<210> 180
 <211> 417
 <212> DNA
 <213> Homo sapiens

<220>
 <223> y=c or t, s=g or c, k=g or t

<400> 180
 ctgggacgca aaggctagtg tccccctccc cgagtcggta ggggctgggg agggaggtgg 60
 tatggcccgg agccccaggc cgaggggccc ggaccccggt catyccccct tctgctcccc 120
 attctctcac aggagggcca tgaaacgcaa cgcccggtcs aggtgccctt tccggaaggg 180
 cgcctgcgag atcaccggga agaccggcg acagtgccag gcctgccgcc tgcgcaagtg 240
 cctggagagy ggcatagaaga aggagagtga gcagtgggcg cgcgggcggg ccggcgccgg 300

gggtgcacggc tctgagtaag gacgtgccgt ggggtgtgkgc atgcttgtgt ggagatgcgc 360
 gccgagtgtg cgcgtgaaca cacgtgcaca tgtgagctgg tgtccgtgtg caacagg 417

<210> 181
 <211> 423
 <212> DNA
 <213> Homo sapiens

<220>
 <223> r=g or a, y=c or t

<400> 181
 taacggcttc tgctgccttg agaggggttac acagtggctc tccagggggc tggagggtca 60
 ccagggggcac gtgtgcctga gccagcctca ctgtccctgc agtgatcatg tccgacgagg 120
 ccgtggagga gaggcgggcc ttgatcaagc ggaagaaaag tgaacggaca gggactcagc 180
 cactggggart gcaggggctg acagaggagc agcggatgat gatcagggag ctgatggacg 240
 ctcagatgaa aacctttgrc acyaccttct cccatttcaa gaatttccgg gtaggaggaa 300
 ctgcacagtg acccgaggtg tctactgccat cttcattctc acatagaaac tgagggtccc 360
 caaggataag aaacttatac aaggtcacag ctaatcagtg gtggagggta gatttggaga 420
 gct 423

<210> 182
 <211> 415
 <212> DNA
 <213> Homo sapiens

<220>
 <223> y=c or t

<400> 182
 ctgagttggg acctgtctat gaaagcacat gctgtctctc ctctgtccac ctcttggcat 60
 gtgtcctagc tgccaggggt gcttagcagt ggytgcgagt tgccagagtc tctgcaggcc 120
 ccatcgaggg aagaagctgc caagtggagc caggctcggg aagatctgtg ctctttgaag 180
 gtctctctgc agctgcgggg ggaggatggc agtgtctgga actacaaacc cccagccgac 240
 agtgggyggg aagagatctt ctccctgctg ccccatctgg ctgacatgtc aacctacatg 300
 ttcaaaggca tcatcagctt tgccaaagtc atctcctact tcaggtagga catggagact 360
 ggggtggttgg gtgtggaaaa gaactggaag tggccaggag gttcaaaggg cctgg 415

<210> 183
 <211> 598
 <212> DNA
 <213> Homo sapiens

<220>
 <223> r=g or a, y=c or t

<400> 183
 ctgctggtgc cggcctgtgg gctgcctccc agggagctgt cctcccctcc ccatecttgc 60
 tgccagggac ttgcccacgc aggaccagat ctccctgctg aagggrgccc ctttcgagct 120
 gtgtcaactg agattcaaca cagtgttcaa cgcggagact ggaacctggg agtgtggccg 180
 gctgtcctac tgcttggaa acactgcagg tgcccagag agcctgcctg ccctggcaga 240
 gggagggaaa cactgcagtt atgggaggaa gggagctacg ccaggatatg caggttcttg 300
 gatggcargg caggaagatg gaatggtgga aaacaagrtt ttggtgaggg atgattagat 360
 cttggtcagc ttgctgagaa gctgcccctc catyctgtta ccattccacag gtggcttcca 420
 gcaacttcta ctggagccca tgctgaaatt ccactayatg ctgaagaagc tgcagctgca 480
 tgaggaggag tatgtgctga tgcaggccat ctccctcttc tccccagggt aggatctccc 540

ctaggctgcc tgacatcccc ccyagcctta tctgccctcc ccagggaagg tcccagtc 598

<210> 184
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <223> r=g or a

<400> 184
 gagcaatgcc ctgactctgg gctggactga gcttgtcttt gcccctatgat cttgcaccac 60
 acctccctcc cctccagacc gccaggtgt gctgcagcac cgcgtggtgg accagctgca 120
 ggagcaattc rccattactc tgaagtccta cattgaatgc aatcggtccc agcctgctca 180
 taggtgagca cagcaggggg tgaggacctg tgagggtgat gtgagrgagc cgaggttcag 240
 ggaaattgcc caagacttca tggccagagg g 271

<210> 185
 <211> 324
 <212> DNA
 <213> Homo sapiens

<220>
 <223> r=g or a

<400> 185
 tgcttgtgca gcctcagagc agccctgagg cttgtgggtc agggcgggct gcacccacaa 60
 tcttttctct ggctggcatg caggttcttg ttcctgaaga tcatggctat gctcaccgag 120
 ctccgcagca tcaatgctca gcacacccag cggctgctgc gcatccagga catacacccc 180
 ttgtctacgc cctcatgca ggagttgttc ggcacacag gtagctgagc rgctgccctt 240
 ggrtgacacc tccgagaggc agccagacct agagccctct gagccgccac tcccgggcca 300
 agacagatgg aactgcca gagc 324

1

43